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### GAME PLAY ASSISTANCE AND INFORMATION

For expert game play assistance or information on other great Sego products, call the Sega experts at: 1-415-591-PLAY.

#### IF YOU NEED HELP

If you have problems operating your Sega CD, first check the Troubleshooting section on page 23. If the problem persists, or if you can't resolve it, call the Sega Consumer Service Department at 1-800-USA-SEGA.

#### **EPILEPSY WARNING**

#### WARNING: READ BEFORE USING YOUR SEGA VIDEO GAME SYSTEM.

A very small percentage of individuals may experience gallegite selizares when exposed to certain light patterns or floating lights. Expasure to certain potterns or bookgrounds on a television screen or while playing video genes may induce on epileptic seizare in these individuals. Certain conditions may induce on undetected epileptic symptoms even in persons who have no history of prior seizares or epileptic, if you compare in your family, hos an englisptic condition, consult your physicion prior to playing. If you experience any of the following symptoms while playing a video gome — dizziness, othered vision, eye or muscle whiches, loss of ownerness, disorientation, only involuntary movement, or convulsions — IMMEDIATELY discontinue use and consult your physician before resumine abov.

#### WARNING TO OWNERS OF PROJECTION TELEVISIONS

Still pictures or images may cause permonent picture-tube damage or mark the phosphor of the CRT. Avoid repeated or extended use of CD-based video displays on large-screen projection televisions. Consult your owner's manual before playing video games on your projection television.

#### INTRODUCTION

The Sega CD is a multimedia entertainment system that lets you enjay autotanding audio, video and games an compact disc. It connects to your Sega Genesis\*\* Mp play sharp, clean sound and brilliant colar graphics with up to 64 colars from a polette of 512 colars an your TV. You can even enjay rich stereo sound bu vision a portable multic allower or stereo sound bu vision a portable multic allower or stereo sound bu vision a portable multic allower of stereo sound but vision a portable multi-oliver or stereo sound but vision and sound or stereo sound but vision as or stereo sound but vision a portable multi-oliver or stereo sound but vision as or stellar multi-oliver or stereo sound but vision as or stellar multi-oliver or stereo sound but vision as or stellar multi-oliver or stereo sound but vision as or stellar multi-oliver or stereo sound but vision as or stellar multi-oliver or stereo sound but vision as or stellar multi-oliver or stereo sound but vision as or stellar multi-oliver or stereo sound but vision as or stellar multi-oliver or stereo sound but vision as or stellar multi-oliver or stereo sound but vision as or stellar multi-oliver or stereo sound but vision as or stellar multi-oliver or stereo sound but vision as or stellar multi-oliver or stereo sound but vision as or stellar multi-oliver or stereo sound but vision as or stellar multi-oliver or stereo sound but vision as or stellar multi-oliver or stellar multi-oliver or stellar multi-oliver or stel

Take advantage of the Sega CD's wide range of features. For example, you can choose which tracks you'll play, set repeat marks to replay favorite sections again and again. Shuffle the tracks, pragram their order and set pauses so you get exactly what you want.

The Sega CD lets you save CD games from any software with a Save feature. Later, you can pick up your current game right where you left off. The best part of your Sega CD is that you can still play all your Sega Genesis cartridges while building an exciting library of all-new multimedia Sega CD gamest

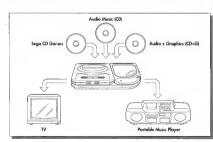
Cannecting your Sega CD takes only a few minutes. Then use your Genesis control pad to aperate the system, and get ready for a lifetime of fantostic campact disc entertainment.

The Sega CD is compatible with these disc types:

Audia Husic (CD)

Audia + Graphics (CD+G)

Sega CD Games (CD-Ram)



#### UNPACKING YOUR SEGA CD

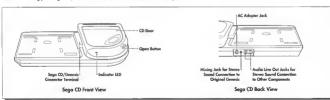
Use the checklist to make sure you've received all the components of your Sega CD system. If anything is missing, please call the Sega Consumer Service Department at 1-800-USA-SEGA.

#### **Unpacking Checklist**

- Sean CD console
- Steel jaining plate and screw
  - · Small jaining plate and 2 screws
- (for use with the original Genesis model)
- Extension spacer
  - (for use with the original Genesis model)

- 2 small connector plates
- 2 small connector pla
   AC adapter
- Sound mixing cable
- (for use with the ariainal Genesis model)
- · Sega CD User's Manual (this book)
- · Consumer reply card

Before cannecting your Sega CD, look at the cansole to became familiar with its parts.



Please read the setup instructions in this manual thoroughly before installing your system. Then read the operating instructions for information on using all of the features of the Sega CD. Fill but and reterm the consumer reply cord that came with your system to ensure warranty coverage. Then keep this manual on hand for reference on Sepa CD operation and troubleshooting.

#### TO CONNECT YOUR SYSTEM TO THE ORIGINAL GENESIS MODEL

Make sure your Genesis system is set up and operating properly before connecting your Sega CD. (Please see your Sega Genesis Instruction Manual for details.) Then follow these steps:

#### 1. Unplug the Genesis from its AC adopter.

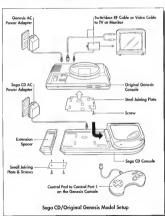
 Locate the expansion slot ponel on the right side of the Genesis. Remove the panel by pressing in on its bottom and taking the panel off the console. Remove the red plostic cover from the expansion slot connector.

Note: Look carefully of the "piona" contacts on the carnector. Over time, some tarrish or corrosion may have accumulated. If the cartacts appear to be tarrished corefully dean both sides with a soft, non-obrasive or terseer or penal erasor. Rub gently to prevent domage to the contacts.

 Attach the flat connector plate to the bottom of the Genesis (this plate hooks into position over the vents). The L-shoped connector is not required.



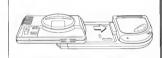






- 4. Pasition the steel joining plote on the bottom of the Genesis console. Use a medium size Phillips-head screwdriver to attach it with the screw. The joining plote anchors the Genesis neathy to the Sego CD allowing the connectors to fit properly into the connector terminol.
  - Note: It is vital to install the steel joining plate, which provides on RF shield between the Genesis and the Sego CD.

Slide the Genesis sideways, from left to right, into place on top of the Sego CD. Make sure the connector in the Genesis expansion slot fits snugly into the connector terminal on the Sego CD.



Sliding the Original Genesis Model onto the Sego CD



- Moke sure the Genesis power switch is turned off. Then plug in its AC adapter.
- Plug the Sego CD's AC adapter cable into its jack on the back of the Sego CD console.
   Then plug the adapter directly into an electrical auther. (Do not use an extension cord.)

Note: Do not switch the AC adopters. Use the Genesis AC adapter only with the Genesis, and the Sego CD AC adopter only with the Sego CD.

#### TO CONNECT YOUR SYSTEM TO THE NEW GENESIS MODEL

Make sure your Genesis system is set up and aperating properly before cannecting your Sega CD. (Please see your Sega Genesis Instruction Manual for details.) Then follow these steps:

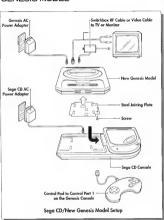
- 1. Unplug the Genesis fram its AC adapter.
- Lacate the expansian stat panel an the right side of the Genesis. Remave the panel by pressing in an its bottom and taking the panel aff the cansale.
   Remave the red plastic caver from the expansian slat cannector.

Nate: Look carefully at the "plane" cantacts on the cannector. Over time, same tarnish ar corrasion may have accumbated. If the contacts appear to be tornished, carafully clean both sides with a saft, nanabrasive art eraser ar pencil eraser. Bub gently to prevent damage to the contacts.

3. Attach the flat connector plate to the bottom af the Genesis (this plate hooks into position over the vents). Then attach the L-shaped cannector plate to the exponsion slot. Take care not to damage the expansion slat





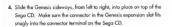




Positioning the Steel Joining Plate

3. Position the steel jaining plate on the bottom of the Genesis console. Use a medium-size Phillips-head screwdriver to attach it in place with the screw. The jaining plate anchars the Genesis neatly to the Sega CD, allowing the connectors to fit properly into the cannector terminal.

Nate: It is vital to install the steel igining plate, which provides an RF shield between the Genesis and the Sega CD.





Sliding the New Genesis Model anto the Sega CD

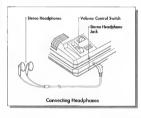


- 5. Make sure the Genesis power switch is turned off. Then plug in its AC adapter.
- 6. Plug the Sega CD's AC adapter coble into its jack on the back of the Sega CD cansole. Then plug the adapter directly into an electrical outlet. (Do not use an extension cord.)

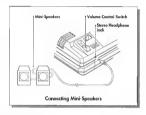
Note: Do not switch the AC adapters. Use the Genesis AC adapter only with the Genesis, and the Seag CD AC adapter anty with the Seag CD.

#### TO CONNECT STEREO SOUND: ORIGINAL GENESIS MODEL

Attaching the Sega CD to a stereo system will dramatically increose the sound quality of audio discs and Sega CD games. It will also enhance the sound performance of Genesis cartridge games. This section shows you how to add stereo sound to enrich your enjoyment of the Sega CD system.



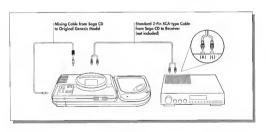
HEADPHONES AND MINI SPEAKERS



- 1. Plug stereo headphones or mini-speakers with internal amplifiers into the Stereo Headphone jack on the front of the original Genesis model.
- When using headphones, adjust the volume with the volume control switch on the top of the Genesis. Normal volume is about 7 or 8. Be sure to use only stereo headphones. Using an earphone (monaural) or any similar device may damage it.
- When using mini-speakers, please see their instruction manual for details on their operation. The volume control switch on top of the Genesis console may control their volume.

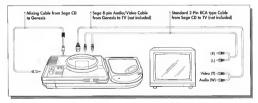
#### HOME STEREO SYSTEMS AND PORTABLE CASSETTE PLAYERS

- 1. Cannect the left and right plugs from one end of a standard 2-pin RCA-type cable to the two Audio "Line Out" jacks on the back of the Sega CD.
- 2. Connect the left and right plugs from the other end of the cable to the left and right Audia "Line In" jacks on your stereo receiver or cassette player.
- 3. Cannect ane end of the sound mixing coble, supplied with your Sega CD, to the Mixing jack on the back of the Sega CD.
- Cannect the other end of the sound mixing cable to the Stereo Headphane jack on the front of the Genesis
   Adjust the valume with the valume control switch on the top of the Genesis console. Narmal valume is about 7 or 8.



#### STEREO TV OR STEREO VCR

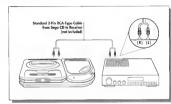
- Connect the single-plug end of the Sega Audio/Video coble to the Audio/Video jock on the back of your Genesis.
   Note: You can buy Sega's 8-pin Audio/Video coble at your Sega dealer or by calling 1-800-USA-SEGA.
- Only connect the yellow (video) plug from the two-plug end of the Sego Audio/Video coble to the Video Input jock on your stereo TV or stereo VCR. Let the white (audio) plug hang loose.
- Connect the left and right plugs from one end of a standard 2-pin RCA-type coble to the two Audio "Line Out" jacks on the back of the Sega CD.
   Note: You can buy Sega's accessory RCA-type stereo cable at your Sega dealer or by colling 1-800-USA-SEGA.
- 4. Connect the left and right plugs from the other end of the coble to the left and right Audio "Line In" jocks on your stereo TV or stereo VCR.
- 5. Connect one end of the sound mixing cable that come with your Sego CD to the Mixing jack on the back of the Sego CD.
- 6. Connect the other end of the sound mixing coble to the Stereo Headphone jock on the front of the Genesis.
- 7. Select the Audio/Video Input setting on your stereo TV or stereo VCR.



#### TO CONNECT STEREO SOUND: NEW GENESIS MODEL

### HOME STEREO SYSTEMS AND PORTABLE CASSETTE PLAYERS

- Connect the left and right plugs from one end of a standard 2-pin RCAtype cable to the two Audio "Line Out" jacks on the back of the Sego CD.
- Connect the left and right plugs from the other end of the cable to the left and right Audio "Line In" jacks on your stereo receiver or cossette player.
- Adjust the volume with the valume control switch on your stereo system or cassette player.

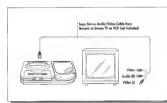


#### STEREO TV OR STEREO VCR

If your TV hos Video and Stereo Audio Input jocks (Stereo TV), you can use the Sego 9-pin stereo Audio/Video coble for improved graphics and stereo sound. No other connectors are necessory.

Note: You can buy Sego's 9-pin oudio/video cable at your Sego dealer or by calling 1-800-USA-SEGA.

- Connect the single-plug end of the Sego 9-pin stereo audio/video coble to the Audio/Video jock on the book of your new Genesis model.
- Connect the yellow (video) plug on the three-plug end of the Sego stereo audio/video cable to the Video Input jock on your stereo TV or stereo VCR.
- Connect the white plug to the left Audio Input jock, and connect the red plug to the right Audio Input jock on your stereo TV or stereo VCR.
- 4. Select the Audio/Video Input setting an your stereo TV or stereo VCR.



#### OPERATING THE SEGA CD

With your Sego CD connected, you can start up the system. First, please review this checklist:

#### Stortup Checklist

- 1. Are the Sego CD and the Genesis console connected correctly to each other?
- 2. Is the Genesis connected correctly to the TV or monitor?
- 3. Are ony additional sterea-sound components connected correctly to the system?
- 4. Are both the Sego CD and the Genesis connected to power by their correct AC adopters?
- 4. Are boilt life dego CD and life defiests connected to power by lifetir correct A
- Is control pod 1 plugged into the Genesis console?
- 6. Is the Genesis contridge slot empty? (If a cartridge is inserted in the slot at stortup, the Genesis system will default to cartridge play.)

If you onswered "Yes" to all six questions, you're ready to stort.

#### STARTING UP FOR THE FIRST TIME

 Turn an the TV, and then turn an the Genesis. The Sega CD logo appears.



 Place a disc in the tray, label side up.



Press the Start button or Button
 A, B or C on the control pad.
 The Sega CD Control Panel oppears. The cursor on screen is pointing to the message
 "Na Disc".



5. Clase the CD door

Important: Never open the CD door when the disc is rotating. Doing so could domoge your 5ega CD system.



 Press the Open button an the Sega CD cansole to open the CD door.



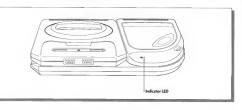
STARTING UP WITH A DISC IN THE DRIVE

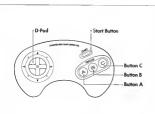
If an audia CD ar a CD+G is in the drive, the Sega CD logo appears when you turn an the Genesis.

If a Sega CD game is in the drive, the system detects the game when you turn on the Genesis and the game will start. Before the game starts, you can press **Button A**, B ar C to bring up the Control Panel. Then, you can listen to and work with the game's music in the same way you use an audia CD.

## READING THE

- Lights up when the Sega CD is playing a disc or reading game data.
- Floshes when there is no disc in the drive or when the CD door is open.
- Dims when the Sego CD is standing by. Remoins unlit in Audio CD Ploybock and Pouse modes.





#### USING THE CONTROL PAD

You operate the Sego CD with Genesis control pad 1 (plugged into control part 1 on the Genesis console). This section lists the functions of each control pad button.

#### D-Pad

Moves the cursor on the control panel.

#### Stort Button

Goes from the Sego CD logo to the Control Ponel,

- When on audio CD or audio plus graphics disc (CD+G) is inserted but not playing, moves the cursor to the PLAY button from ony other button on the Control Panel.
- If the system is stopped, closes the Program menu and moves the cursor to the PLAY button
- If the system is playing, closes the Program menu and moves the cursor to the PAUSE button.

- . If the system is stopped, closes the Set Prog. menu and moves the cursor to the PLAY button
- . If the system is playing, closes the Set Prog. menu and moves the surror to the PALISE button When a Sego CD game disc is inserted and the Sego CD logo is on
- screen, starts the game. . When a Sega CD game disc is inserted and the Control Panel is on screen, moves the cursor to the CD-ROM button.

#### Button A

- · When any disc is inserted and the Sega CD logo is on screen, goes to the Control Ponel
- . Executes the Control Panel option marked by the cursor.

- When any disc is inserted and the Seao CD logo is on screen, goes to the Control Panel
- . Executes the Control Panel option marked by the cursor.
- . When the CD+G button is highlighted, hides the Control Panel or restores it to the screen.

#### Button C

- When any disc is inserted and the Seag CD logo is an screen, goes to the Control Panel
- . Executes the Control Panel aption marked by the cursor.
- · Returns the screen to the Sega CD logo.

#### OPERATING WITHOUT VIDEO (QUICK BUTTONS)

You don't have to turn an your TV to use the Sega CD, if it is connected to another stereo sound system. Instead, just turn on your Genesis and use these button controls:

Stort + Button A Play the CD.

Start + Button B Stort + Button C

Play or pause the CD. right trocks forward).

Stop.

Stort + D.Pad Auto-search (left tracks backward)

Nate: These button controls also work when ploying a CD+G with the Control Panel hidden

#### PLAYING AUDIO CDS

- 1. Place an audio CD in the disc tray and close the CD door
- 2. Move the cursor to the PLAY button
- 3. Press Button A, B or C to begin playing the CD.
- 4. Use the Control Ponel to select different Seao CD features. (For details on the features, see pages 17-22).



#### PLAYING AUDIO PLUS GRAPHICS DISCS (CD+G)

#### PLAYING SEGA CD GAMES (CD-ROMS)

- Place a CD+G in the disc troy and clase the CD door.
- Move the cursor to the CD+G button, and press Button A, B or C. The cursor automatically moves to PLAY.



Note: The Sega CD displays dazzling graphics with up to 64 colors from a 512-color palette.

- 4. Press Button B to hide the Control Panel. Use the Quick Buttons (see page 15) to operate the Sega CD while the Control Panel is hidden. Press Button B opgain when you want to restorm the Cotatrol Panel. (With every other toggle, a stotus line appears on the CD+G screen.)
  Note: Since Button B toggles the Control Panel off and an during CD+G play, it is not used to execute the Control Panel off and
- To turn off the grophics display while continuing the audio, mave the cursor to the CD+G button and press A or C. The button will no longer be highlighted.
- 6. When the Control Ponel is on screen, use it to select different Sego CD feotures. (For details on the features, see pages 17-22).
  Note: When playing a CD+G, the SEARCH option changes to the CD+G CHANNEL option. See page 18 for more information.
- When the disc finishes playing, press Button B to bring up the Control Panel if it's not already on screen.



- Place a Sega CD game in the disc tray and close the CD door.
- Press Start to move the cursor to the CD-ROM button.
- Press Button A, B or C to begin the game. (See your game manual for instructions on how to play the game.)



 Press Reset at any time to stop the disc. The screen returns to the Sega CD loga.

You can play cartridge games an your Genesis, even when it's connected to the Sega CD. With the power switch OFF, insert the cartridge into the cartridge slot. When you turn the power switch ON, the Genesis defaults to cartridge play.

Nate: For best system performance, it's recommended that you keep the Sega CD's power adapter plugged in while playing Genesis cartridge games.

#### SAVING YOUR GAMES

The MEM/ORY butten becomes envirlable on the Control Penul when a Segat CD game is in the drive. Use this button to format the Segat CD's internal back-up memory in order to save games. If your Segat CD achiever has a Save fecture (often available in sparts games and rale-playing games), you can save your current game to the Segat CD's internal memory. Later, you can load the saved game and continue playing from where you left aft. (See page 22 for debials on using the MEM/ORY feature).

#### ENDING A SESSION

- 1. Mave the cursor to the STOP button and press Button A or C.
- 2. Open the CD door and remove the disc.
- 3. Clase the door.
- 4. Turn off the Genesis.

#### USING THE SEGA CD FEATURES

#### THE CONTROL PANEL



The Sega CD Control Panel has all the features you need to tharaughly enjay your compact discs. This section describes the features.

#### CONTROL PANEL DISPLAY

The display in the upper half of the Cantral Panel keeps you infarmed about disc tracks, time and status.

Tracks

Shows all the tracks available an your disc. A box highlights the track that's currently playing. This track number is
also shown to the left of the Time display.

Volume Levels Shows the valume variations for both the left and right channels while a disc is playing.

Current Track Shows the number of the track that is currently playing.
This number is also highlighted an the Track display above
the Values Legale.

Shatus Shows the current status of the disc, for example, "Playing," or "Programming."

Time	Shows disc time in four different modes:	SEARCH	Cues forward (right arrow) or cues bock (left arrow) through
	<ul> <li>Elopsed time for the current track.</li> </ul>		the current track while you hold down Button A, B, ar C.
CONTROL	Total elapsed time since the disc started playing. Time remaining on the current track. Total time remaining an the disc.  PANEL BUTTONS	CD+G CHANNEL	When the Sega CD is displaying CD+G grophics, the SEARCH option changes to CD+G CHANNEL. Hold down Buttons A, B, ar C an the up or down arrows to change the CD+G channel. Some CD+Gs have multiple graphics
The buttons in the	ne lower half ore options you can use to work with your disc.		channels; others may have various language channels for the same graphics.
	<ul> <li>Select a button by moving the cursor to it with the D-Pad.</li> </ul>		Nate: Use CD+G CHANNEL anly with discs that contain graphics. Do not use it with any discs that do not have
	<ul> <li>Execute the option by pressing Button A, B or C.</li> <li>A button highlights when its option is executed.</li> </ul>		graphics tracks.
	It dims ogain when another option is executed, or when its function is over, or when the CLEAR button is pressed.	PROG.	Opens the Program menu, which has options for setting track order, disploying time modes, and mony ather features. PROG. can be used while PLAY, PAUSE or STOP is highlighted. For detoils, see poons 19-22.
PLAY	Ploys the audio trocks of a disc.		
PAUSE	Pouses the current track. Press the PLAY button or the PAUSE button again to resume ploying. $ \\$	MEMORY	Opens the Memory menu, which has features for formatting the Sega CD's internal memory, soving and erasing games. MEMORY is available when a Sega CD
STOP	Stops the current track.		game disc is in the drive. (For details on using MEMORY, see page 22).
AUTO SEARCH	Takes you forward (right arrow) or back (left arrow) by one trock. After selecting o trock, use PLAY to play it. AUTO SEARCH con be used while PLAY, PAUSE or STOP is highlighted.	CD-ROM	Starts a Sega $\times$ game. This option is available only when a Sega CD gome disc is in the drive.

CD+G

Starts a graphics display. The CD+G aptian should be selected anly when a CD+G disc is in the drive. When a CD+G disc is playing, the SEARCH aptian changes to CD+G CHANNEL aptian.

Note: Use the CD+G button only with discs that cantain araphics.

#### THE PROGRAM MENU



#### This section describes the Program menu features.

- Select an aptian by moving the cursar to it with the
  D-Pod
- Execute the aption by pressing Button A, B or C.
   An aption highlights when it is executed. It dims again when its function is over m, the CIFAR button is pressed.

DEDEAT

Pressed ance, REPEAT ALL appears and the current program repeats until the aptian is turned aff. Pressed twice, REPEAT ONE appears and the current track repeats until the aptian is turned aff.

A-B REPEAT

Repeats a section of a track. When you press **Button A**, B or C, the option hurns green, setting mark A. The second time you press the button, the aprion hurns yellow, setting mark B. While the aprion is yellow, the track will repeat from A to B. This aprion can be set while any other aprion is highlighted. The aprion confines setting you CLEAR R, CSTCP, a related the aprion aprion and press **Button A**, B or C.

Note: The A-B REPEAT aptian is not usable when you're playing a CD+G.

CLEAR

Clears the REPEAT, A-B REPEAT, SHUFFLE, INTRO, SPACE and PLAY PROG aptions and continues narmal playing from the current track.

#### SHUFFLE

Mixes the tracks in o random order. The aption turns yellow, and the shuffled order of tracks oppears on the Control Panel display. This aption can be set while any other aption is highlighted. The shuffled order remains until you select the option again or press Button A. B or C.

#### INTPO

Plays a set number of seconds from the beginning of each track, starting with the current track and continuing through all following tracks. When you press Button A, B or C, the option turns yellow and the cursor moves to a number that appears on the Cantrol Forel display. The number start of 10, Press the D-Pad up or down to increase the number (up to 59 seconds) or decroace it (down to 1 second). Press Button A, B or C again to set that number of seconds. To play INTRO, set if the program, choose PLAY and press Button A, B or C, INTRO on be set while another option is highlighted. INTRO play continues until it's played firrough to the end of the disc, or until you CLEAR it or select the option again and press Button A, B or C.



#### SPACE

Pouse for a set number of seconds before the beginning of each track. When you press Button A, B or C, the option turns yellow and the cursor moves to a number that oppears on the Control Porel display. In mumber starts of 10. Press the Podd up or down to increase the number (up to 59 seconds) or decroses it (down to 1 second). Press Button A, B or Coglin to set that amount of time as a pouse between tracks. During pouse time, the PALISE button on the Control Penel also turns yellow. SPACE can be set while only other option is highlighted. The pouses confinue until you CLEAR them, or select the SPACE option opgin only press button A, B or C.



#### PLAY PROG

Plays the program you set with the SET PROG. option (described on the next page). PLAY PROG. continues until you STOP it, CLEAR it, or select the option again and press Button A, B, or C. You cannot use the SET PROG. option when the PLAY PROG. option is highlighted SET PROG.

Lets you set the order of tracks that will be ployed. When

SET PROG.

Ta delete tracks from the Tracks Set line:

Move the cursor to the DELETE option and press
Button A, B or C to highlight it. Then move the cursor to a
track number in the lower Tracks Set line. Press Button A, B
or C again to delete the track from your pragram.

Ta dose the Set Program menu:

Move the cursor to the EXIT option and press Button A, B or C.
You'll see the Program menu ogain, with the cursor pointing to the PLAY PROG, option.

Use the PLAY PROG, option to play the trocks in the order you set them. SET PROG, can be used when any other option except PLAY PROG, is highlighted. The program you set is not affected when you CLEAR or STOP. It remains intoct until you change it or open the CD door.

TIME

Displays four different time modes on the Control Panel in

- Elapsed Time that has passed since the current track storted playing...
- T-Elapsed Total time that has possed since the disc started playing.
- Remain Time remaining in the current track.
  - T-Remain Total time remaining on the disc.

When the cursor is on the option, the TIME mode changes each time you press **Button A**, **B** or **C**.



Here's how to use the menu-

#### To set the track order

When the menu first oppoors, its INSERF option is highlightlyde. More the cursor in the upper Track Select line to the number of the track you want, and press Button A, B or C. That track number appears in the box on the lower Tracks Set line, and the low moves to the right. Continue selecting tracks in this way. You can repeat tracks, and set up to 90 yeaks in the lower Tracks Set line.

#### To insert tracks in the Tracks Set line:

With the INSERT aption highlighted, move the cursor to the box on the lower frosts Set line. Then press the D-Pod left or right to move the box over any track number. Next, press the D-Pod up to move the cursor to the upper Track Setal Fine, and press left or right to gaint to the number of the track you want. Press Button A, B or C to place that number inside the box in the lower TrackS Set line.

EXIT

Closes the Program menu. (Yau can also press Start to clase the menu.) You must close the menu in order to use the Control Panel buttons. Closing the menu does not affect the Program menu settings.

#### THE MEMORY MENU

Some games, such as RPGs (rale-playing games) let you save your current game sa you can cantinue it later. On CD software, game data cannot be saved an the compact disc, so the Sega CD has internal back up memory for this purpose.

The MEMORY feature is available when a Sega CD game is in the drive. Use this feature to format the Sega CD's internal memory and to save and erase games.

 Move the cursar to MEMORY and press Button A, B or C. The Dato Storage Information screen appears. This screen gives you information about the SEGA CD's internal memory.



- Press Start ar Button A, B ar C to ao an to the MEMORY menu.
- Press the D-Pad up ar dawn to choose an aption. Then press
   Start or Button A. B. or C.



 Fallow the instructions an screen to camplete the operation.

Nate: The cartridge memory shown an screen refers to an additional memory-saving device that will be available later.

#### Important Information about Sega CD Memory

- Memory must be formatted before you can save games to it. Use the first FORMAT aptian in the Memory menu to format the Sega CD's internal memory.
- The Sega CD can save up to 64 Kbits of memory. When the memory is full, make room by deleting items.
- The Sega CD will retain saved games for up to one manth without being powered on. After that time, soved data may disappear. If that hoppens, you'll need to reform the internal memory. Reformating will erose any remaining saved games. After reformatting, leave the Sega CD powered on for at least six hours before using its internal memory again.

#### MAINTAINING YOUR SEGA CD

#### The Seag CD's Location

- . Set up the Sega CD in a well-ventilated area. Position it on a stable, flot surface that is not prone to vibration.
- . Keep your Sega CD out of direct sunlight and away from extreme hot or cold temperatures, such as near a heater or in an uninsulated agrage.
- . Don't let the Sego CD get wet. Avoid using it in humid oreas. If condensation forms on the console, wipe it dry, and let the system rest for at least on hour before using it.

#### The Concole

- . Insert only 8cm or 12cm discs into the disc tray. Do not use discs designed for other game units
- Always use the Open button to open and close the CD door. Attempting to operate the CD door manually may cause it to molfunction.
- . Do not open the CD door when a Sega CD game is playing.
- Always remove a disc before moving the console.
- . Do not take the console apart or after it in any way. Never touch the connectors, or insert foreign objects into the connector terminal.
- . Don't drop the console or pick it up by any connecting cable. Don't twist or pull the cables forcefully. Doing so may damage their connections.
- . Dan't spill liquids onto the console or into the disc tray
- . Clean the console with a soft, slightly damp cloth. Never use strong deaning solutions or obrasives that could damage the components.

#### Power Supply

- . Use only the AC adopter supplied with your Sega CD to connect the Sego CD to power.
- · Always turn the Genesis power switch OFF before connecting or disconnecting the Sega CD.

#### TROUBLESHOOTING

#### Problem

#### Check the Following Items

IFD doesn't come on

No picture

on screen

- · Are AC adapters connected to both the Sega CD and the Genesis?
- · Are both adapters plugged into power outlets? Are the power outlets in working order? Is the Sean CD connected correctly to the Genesis? Are all cable connections secure? (See pages 4-7.)
- - Is the TV or monitor turned on?
  - . Is the channel switch setting (3 or 4) on the bock of the Genesis the same as the TV channel being used?

cartridge slot?

- Is the Genesis power switch turned on? · Is the TV brightness control adjusted properly? . Is a game cartridge firmly inserted in the Genesis
- Sean CD loan doesn't appear. look right.
- TV color doesn't
  - · Are the TV color controls adjusted properly. (The Sego CD can display up to 512 colors, with up to 64 colors at one time.)
- No sound.
- · If you've connected the system to sterea sound, are the coble connections correct? (See pages 8-11.) Is the sound mixing coble properly connected
- between the Seag CD and the original Genesis model? . Are the volume controls adjusted properly on your TV or stereo system and on the original Genesis
- models If a problem continues, follow the instructions in this manual to carefully reconnect your system. If a problem persists, please call the Saga Consumer Service Department at 1-800-USA-SEGA





### SEGA-CD HARDWARE INFORMATION

hysical Characteristics			Specifications (cont.)		
Model name:	MK-4101		Audio characteristics:	Wavelength characteristics: Signal v. noise ratio (S/N):	20Hz-20KHz Over 90dB (1 KHz) (Line Out)
Power usage:	Custam AC adapt	er (DC9V 1 2A)		Timing range:	Over 90dB
Elec. consumption:	Approx. 18W ma	DX .	Battery back-up secondary duration:	Approx. 1 month	
Elec. current consumption:	600mA (during C	D revolution)	CD drive unit:	CD diameter: Rotational direction:	12cm and 8cm Counter-clockwise
Usage environment:	Temperature: 0° Humidity 10	*-40* C 0%-80% RH		Access time;	(against surface read) Average 0 B sec
Exterior measurements:	Width: 39	96mm	Audio output:	Line Out:	RCA pin jack x2 (L/R)
Exterior measurements:	Depth. 23	20mm 20mm 4mm	Audio input:	Mixing:	Sterea jack mixing
pecifications			Note: Characteristics of	and specifications may be a	changed without notice.
pecifications CPU:	68000 (12.5MHz)		Note: Characteristics of	and specifications may be o	changed without notice.
	68000 (12.5MHz) RAM:	6 Mbil (pragram, picture data, soun 512 Kbil (PCM wareloom memory) 128 Kbil (PCMCM data coche mem 64 Kbil (backup memory)	d dona}	and specifications may be a	changed without notice.
CPU:		6 Mbit (pragram, picture data, soun 512 Kbit (PCM waveform memory) 128 Kbit (CD-ROM data coche men	d dona}	and specifications may be o	changed without notice.
	RAM:	6 Mbit (program, picture data, sown 512 Kbit (PCM waveform memory) 128 Kbit (CD-RCM data coche mer 64 Kbit (backup memory)      1 Mbit CD game 8IOS CD player software CD+G compatible	d dona}	and specifications may be a	changed without notice.

#### LIMITED WARRANTY

Sega of America, Inc., warrants that the Sega CD and all component parts shall be free from defects in material and workmanship for a period of 90 days from the date of purchase. If a defect covered by this limited warran

This limited warranty does not apply if the defects have been caused by negligence, accident, unreasonable use, modification, tampering, or any other causes not related to defective materials or warkmonship. Additionally, this warranty shall not be valid if the serial number of the Sega CD has been altered, delaced or removed in any way.

Please retain your dated sales receipt to easily establish the date of purchase for in-warranty repairs. To receive warranty service, call the Sega Consumer Service Department at: 1-800-USA-SEGA

Ta receive Canadian worranty service, call the Sega of Canada Consumer Service Department at: 1-800-872-7342

PLEASE CALL FIRST FOR REPAIR INFORMATION. The cast of returning the system to Sega's Service Center shall be paid by the purchaser.

DO NOT PETURN YOUR SEGA ON TO THE PETAIL SELLER

#### REPAIRS AFTER EXPIRATION OF LIMITED WARRANTY

If your Sego CD requires repairs ofter termination of the 90 day limited warranty period, you may contact the Sego Consumer Service Department at the repair down, you will need to return the objective member Island above. If the technician is unable to solve the problem by phane, he or she will advise you of the estimated cost of repair. If you elect to have the repair down, you will need to return the defective merchandse, freight prepaid and insured against loss or domage, to Sego's Service Center with an enclassed check or maney arder poyche to Sego at America, Ire., for the annount of the cost estimate provided to you by the technician. If, ofter inspection, it is determined that your system cannot be repaired, it will be returned to you and your payment will be refunded.

#### LIMITATIONS ON WARRANTY

Any applicable implied warranties, including warranties of merchantability and fitness for a particular purpose, are hereby limited to 90 days from the date of purchase and are subject to the canditions set forth herein. In na event shall Sega of America, Inc., be liable for cansequential or incidental damages resulting from the broach of any excess or involved warranties.

The pravisions of this limited warronty are valid in the United States and Conado only. Some states do not allow limitations on how long an implied warronty lasts, are exclusion of consequential or incidental damages, so the above limitation or exclusion may not apply to you. This limited warronty provides you with specific legal risks, You may have other rights which vary from state to state.

#### WARNING

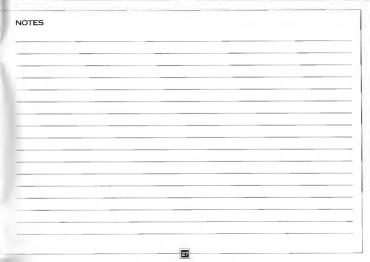
This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 at the FCC Rules. These limits are designed to provide reasonable protection against hormful interference in a residential installation. This equipment generates, uses and can radiate radia requires yeing reasonable protection against hormful interference in a residential instanctions, may cause interference to radia are instanctions. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radia are television reception, which can be determined by turning the equipment aff and an, the user is encouraged to try to carrect the interference by an ear mare of the following measures:

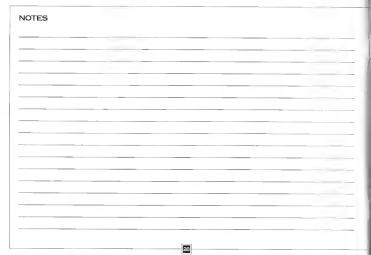
- Rearient ar relocate the receiving antenna.
- Increase the separation between the Sega CD and receiver.
- Cannect the Sega CD into an autlet an a circuit different from that to which the receiver is cannected.
- Cansult the dealer or an experienced radia/televisian technician for help.

#### CAUTION!

Please note that changes or modifications not expressly approved by the party responsible for FCC compliance may vaid the user's outhority to operate the equipment. Please other with the manufacturer prior to effecting any changes or modifications to the Sega CD system. Please also not that the Sega CD system cannecting cable which is attached is made of shielded wire. If cable other than that supplied with this Sega CD system is used, their be possibility of violating PCC ensistain limits. Such change or modification of the Sega CD system is prohibited as per the previous warning. Therefore, use the attached shielded cable when setting up and using the Sega CD system.

If necessary, cansult the deleter or an experienced radia/television technicion for additional suggestions. You may find the following booklet prepared by the Federal Communications Cammission helpful: Have to Identify and Resolve Radia-TV Interference Problems. This booklet is available from the U.S. Government Printing Office, Washington, D.C., 20402, Stock No., 004-000-00345-4.



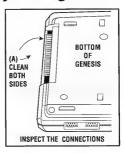


# Before you connect your Sega CD"...

See Page 4 of your User's Guide. This page shows how to prepare your Sega™ Genesis™ by (1) unplugging the AC adapter, and (2) removing the expansion slot panel and the red plastic cover from the expansion slot connector.

Look carefully at the 'piano' contacts on the connector (A). Over time, some tarnish or corrosion may have accumulated. As a result, your Sega CD™may not make a good electrical contact with your Sega Genesis.

If the contacts appear to be tarnished, carefully clean both sides with a soft, non-abrasive art eraser. You may also use a pencil eraser, rubbing gently to prevent damage to the contacts. If you continue to experience a problem, please call us at 1-800-USA-SEGA (1-800-872-7342) for assistance.



### **Happy Gaming!**

This predict has been reconditioned to its original specifications for electrical performance. It has been 100% tested by Sega of America, list. The electrical performance of this product, it we make the terms of our written limited warranty. This warranty does not apply to the cannote appearance of the product.

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For use in North America with the NTSC Genesis.

